

20 JUN 2005

INTERNATIONAL SEARCH REPORT

Application No

PCT/NL 03/00926

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B29D30/42

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B29D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 095 761 A (BRIDGESTONE CORP) 2 May 2001 (2001-05-02) cited in the application	1, 2, 7-9, 11
A	the whole document	23, 26
A	EP 0 904 959 A (YOKOHAMA RUBBER) 31 March 1999 (1999-03-31) the whole document	1, 23, 26
A	US 5 571 354 A (MIYAMOTO YOSHINORI) 5 November 1996 (1996-11-05) the whole document	4
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *S* document member of the same patent family

Date of the actual completion of the international search

18 May 2004

Date of mailing of the international search report

01/06/2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 211 058 A (PIRELLI) 5 June 2002 (2002-06-05) cited in the application	1,17,18
X	the whole document	31
A	US 4 877 468 A (SIEGENTHALER KARL J) 31 October 1989 (1989-10-31) the whole document	1,23,31
A	US 1 960 822 A (MANEY JOHN T) 29 May 1934 (1934-05-29) the whole document	13,16
A	US 3 071 179 A (STIEGLER ELWOOD A ET AL) 1 January 1963 (1963-01-01) the whole document	16

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Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☒ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-30

Apparatus and method for producing a tyre breaker ply comprising a controlling device and a process step for adjustably moving the support surface of the ply transport device in accordance to the actual length of the the ply being measured during its manufacturing.

2. claims: 31-38

Apparatus for producing two braker plies comprising two cutting devices having their cutting lines parallel one to the other.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1095761	A	02-05-2001	JP 2001121622 A EP 1095761 A2 US 6613177 B1	08-05-2001 02-05-2001 02-09-2003
EP 0904959	A	31-03-1999	JP 11099564 A EP 0904959 A2 US 6669798 B1	13-04-1999 31-03-1999 30-12-2003
US 5571354	A	05-11-1996	JP 6238772 A JP 2902257 B2 JP 6254992 A DE 4404907 A1 NL 9400233 A ,B, NL 9900029 A ,C US 5514233 A	30-08-1994 07-06-1999 13-09-1994 08-09-1994 16-09-1994 01-04-2003 07-05-1996
EP 1211058	A	05-06-2002	EP 1211058 A1 AT 262411 T DE 60009312 D1 US 2002062908 A1	05-06-2002 15-04-2004 29-04-2004 30-05-2002
US 4877468	A	31-10-1989	IT 1189672 B AT 75185 T AU 600487 B2 AU 7314787 A BR 8702543 A CA 1284859 C CN 87103671 A ,B CS 8703662 A2 DD 261758 A5 DE 3778418 D1 EP 0246498 A2 ES 2031465 T3 JP 2544384 B2 JP 62290508 A KR 9510645 B1 MX 170667 B PT 84892 A ,B ZA 8703636 A	04-02-1988 15-05-1992 16-08-1990 26-11-1987 23-02-1988 18-06-1991 02-03-1988 12-07-1990 09-11-1988 27-05-1992 25-11-1987 16-12-1992 16-10-1996 17-12-1987 21-09-1995 06-09-1993 01-06-1987 17-11-1987
US 1960822	A	29-05-1934	NONE	
US 3071179	A	01-01-1963	NONE	